



# NITFS Compliance Registration



**Product:** Information Dissemination Services - Direct Delivery (IDS-D)  
(Effectivity NE128 only), Delivery 16.03

**Sponsor:** National Geospatial-Intelligence Agency (NGA)

**Developer:** Raytheon Company

**Date:** September 17, 2004

**Expiration:** September 16, 2006

**Registration #:** 132

☒ Initial Registration  
☐ Supplemental/Update # \_\_\_\_\_  
☐ Derived from Reg. # \_\_\_\_\_

☒ **System**  
N-0105/98, §4.1.1

## NITFS Features Implemented:

| Complexity Level |   |   |   |   |   |   |     |
|------------------|---|---|---|---|---|---|-----|
| NITF 2.1 CLEVEL  |   |   |   |   |   |   |     |
|                  | 3 | 5 | 6 | 7 |   |   |     |
| Interpret        |   |   |   |   |   |   |     |
| Generate         |   |   |   |   |   |   |     |
| NITF 2.0 CLEVEL  |   |   |   |   |   |   |     |
|                  | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
| Interpret        |   |   |   |   |   |   |     |
| Generate         |   |   |   |   |   |   |     |

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

### Format

- ☐ NITF  
☐ V2.1  
☒ V2.0  
☐ V1.1  
☐ NSIF  
☐ V1.0

### Image Segment Types

- ☒ MONO  
☐ RGB  
☐ RGB/LUT  
☐ YCbCr  
☐ MULTI  
☐ NODISPLAY  
☐ POLAR

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☐ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record

- ☒ Extensions  
☒ National SDE - ALL  
☒ IOMAPA  
☐ ECC  
NBLOCA

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Image Compression

- ☒ Not Compressed  
☐ JPEG Lossy, 8-bit  
☒ JPEG Lossy, 12-bit  
☐ JPEG Downsampling  
☒ JPEG Lossless  
☐ Bi-Level  
☐ Vector Quantization  
☐ Multispectral JPEG, Individual Band

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CCM, 2301  
☐ CCM, 2301A  
☐ Labels \*\*

### Text Segments

- ☐ STA  
☐ QT1  
☐ Q8S  
☐ MTF

## Configurations Tested:

- SunFire 6800 - Solaris 2.9

Image formats: Full, IMP, 8/8, and 11/16 bits

Interpret Legend  
Generate  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

EDWARD E. BOYLES, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Imagery & Mapping Agency  
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
product for the intended use. Optional NITFS features may not be implemented.